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		Stainless steel FCC	Cable marketing FCC	Wrapping labels LCK	Cable label LFL	Flexiprint LF	LA Labels	Cable label TFL	TA Labels	Character holders PTE	Character holders PTEF/CAB	Collars													
Temperature Range																									
max +500 °C		✓																							
-20 °C - +65 °C																									
-20 °C - +45 °C									✓																
-75 °C - +80 °C										✓															
-40 °C - +80 °C											✓														
-40 °C - +125 °C			✓	✓	✓	✓	✓	✓																	
-40 °C - +150 °C								✓																	
-30 °C - +70 °C		✓																							
Resistance test																									
UV-light		●	●	●	●	●	●	●	●	●	●	●													
Ageing		●	●	●	●	●	●	●	●	●	●	●													
Abrasion of the marketing text		▲	▲	●	●	●	●	●	●	●	▲	▲													
Chemical resistance test																									
Diesel		●	●	□	□	◆	□	◆	□	□	●	●													
Acid (H ₂ SO ₄), 25%		●	●	□	□	◆	□	□	□	□	●	●													
Alkali (Detergent solution, 10%)		●	●	□	□	□	□	◆	◆	□	●	●													
Distilled water		●	●	□	□	□	□	□	□	□	●	●													
Salt water (5% NaCl)		●	●	□	□	□	□	□	□	□	●	●													
Transformer oil (Nytro 10X)		●	●	□	□	□	□	□	□	□	●	●													
Ethanol		●	●	□	□	◆	□	□	□	□	●	●													
Chemical resistance test with abrasion																									
Diesel		▲	▲	●	●	◆	●	◆	●	●	▲	▲													
Acid (H ₂ SO ₄), 25%		▲	▲	●	●	◆	●	●	●	●	▲	▲													
Alkali (Detergent solution, 10%)		▲	▲	●	●	●	●	◆	◆	●	▲	▲													
Distilled water		▲	▲	●	●	●	●	●	●	●	▲	▲													
Salt water (5% NaCl)		▲	▲	●	●	●	●	●	●	●	▲	▲													
Transformer oil (Nytro 10X)		▲	▲	●	●	●	●	●	●	●	▲	▲													
Ethanol		▲	▲	●	●	◆	●	●	●	●	▲	▲													

● Tested and recommended. ▲ Not tested. Marking text has an automatic protection in form of a holder or similar.
 □ Not tested. A Chemical resistance test with abrasion has been performed instead. ◆ Not recommended.

To meet the high requirements of our products and to ensure our quality standard all FLEXIMARK® products are subjected to a series of strict tests. These are made by the independent SP Technical Research Institute of Sweden using the SP 2171 Test Method which is used especially for collars and plastic information carrier which mark electric wires, cables, components and clamps. For receiving an impression, some of the tests are listed below:

Test	Method and criteria
Ageing resistance	Accelerated ageing in heat oven (2000 days at 90 °C (194 °F)) corresponding to use at 20 °C (+68 °F) for 30 years. Check for cracks, breaks or similar damage. (Max 50% reduction in elongation before breakage.) Also check for mountability and dismountability.
UV-resistance	Accelerating test corresponding to ISO 4892-2 exposure 1 year outdoors in southern Sweden. Check for brittleness and change in colour and readability.
Abrasion resistance of marking text	According to SP Method 2172 (rubbing machine). Load 75 g per mm mandrel diameter. 200 + 200 cycles.
Chemical resistance	Mounted sleeves kept for 24 hours at +23 °C & -2 °C (+73.4 °F & 28.4 °F) immersed in the chemical. Drying for 2 hours then check for functionality, colour fastness and print legibility. Chemicals used: Synthetic diesel oil, Sulphuric acid 25%, basic cleaning agent (Berol 226, 10%), Distilled water, Sea water (5% NaCl), Transformer oil (Nytro 10x), Ethanol, other chemicals on request.
Chemical resistance with abrasion test	Combination of abrasion-test and chemical resistance-test.

NOTE: actual version and further information are available on our homepage.